

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082422\
 Data File : VY010191.D
 Acq On : 24 Aug 2022 12:08
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 25 01:51:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 25 01:46:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	201322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	308540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165050	94.924	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 189.840%#			
35) Dibromofluoromethane	7.710	113	185125	103.694	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 207.380%#			
50) Toluene-d8	10.179	98	605374	98.025	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 196.060%#			
62) 4-Bromofluorobenzene	12.477	95	253933	106.861	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 213.720%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	129012	84.344	ug/l	100
3) Chloromethane	2.107	50	155128	102.455	ug/l	97
4) Vinyl Chloride	2.241	62	178297	107.732	ug/l	99
5) Bromomethane	2.631	94	128491	96.891	ug/l	100
6) Chloroethane	2.784	64	135135	114.840	ug/l	100
7) Trichlorofluoromethane	3.113	101	169468	91.754	ug/l	94
8) Diethyl Ether	3.521	74	120178	110.236	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	199345	106.581	ug/l	94
10) Methyl Iodide	4.082	142	266793	129.095	ug/l	88
11) Tert butyl alcohol	4.948	59	105902	458.503	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	189517	113.161	ug/l	82
13) Acrolein	3.722	56	30868	406.620	ug/l	98
14) Allyl chloride	4.466	41	332861	112.871	ug/l	87
15) Acrylonitrile	5.149	53	335922	572.635	ug/l	97
16) Acetone	3.942	43	268876	556.835	ug/l #	88
17) Carbon Disulfide	4.180	76	523820	122.355	ug/l	100
18) Methyl Acetate	4.466	43	160446	96.952	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	574563	116.221	ug/l	97
20) Methylene Chloride	4.704	84	237533	75.003	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	222581	114.680	ug/l	88
22) Diisopropyl ether	6.112	45	711889	108.233	ug/l	91
23) Vinyl Acetate	6.051	43	2326745	600.613	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	399562	106.900	ug/l	99
25) 2-Butanone	6.978	43	431763	537.289	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	348951	101.655	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	261074	111.671	ug/l	87
28) Bromochloromethane	7.325	49	130166	103.893	ug/l #	83
29) Tetrahydrofuran	7.338	42	284853	582.601	ug/l	90
30) Chloroform	7.502	83	413171	106.654	ug/l	99
31) Cyclohexane	7.777	56	335873	109.501	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	356869	109.667	ug/l	95
36) 1,1-Dichloropropene	7.911	75	309250	116.169	ug/l	97
37) Ethyl Acetate	7.069	43	193176	114.337	ug/l	95
38) Carbon Tetrachloride	7.892	117	324270	115.189	ug/l	98
39) Methylcyclohexane	9.179	83	365509	123.173	ug/l	93
40) Benzene	8.155	78	922601	113.464	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	101325m	75.778	ug/l	
42) 1,2-Dichloroethane	8.234	62	252313	111.838	ug/l	90
43) Isopropyl Acetate	8.270	43	346176	117.329	ug/l #	92
44) Trichloroethene	8.935	130	256773	114.419	ug/l	99
45) 1,2-Dichloropropane	9.209	63	234439	109.834	ug/l	96
46) Dibromomethane	9.301	93	134486	114.246	ug/l	99
47) Bromodichloromethane	9.490	83	322805	111.466	ug/l	98
48) Methyl methacrylate	9.289	41	155459	122.244	ug/l #	83
49) 1,4-Dioxane	9.295	88	35980	2628.097	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	954956	591.017	ug/l	90
52) Toluene	10.240	92	592226	116.097	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	341192	118.618	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	384440	115.422	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	196538	110.227	ug/l	98
56) Ethyl methacrylate	10.508	69	277018	126.561	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	328898	113.552	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	427540	488.230	ug/l	96
59) 2-Hexanone	10.831	43	669523	612.101	ug/l	88
60) Dibromochloromethane	10.983	129	238165	113.188	ug/l	100
61) 1,2-Dibromoethane	11.087	107	190151	115.706	ug/l	100
64) Tetrachloroethene	10.715	164	247046	113.882	ug/l	98
65) Chlorobenzene	11.514	112	645445	112.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	244584	112.010	ug/l	97
67) Ethyl Benzene	11.593	91	1161985	117.491	ug/l	98
68) m/p-Xylenes	11.703	106	900351	237.005	ug/l	94
69) o-Xylene	12.026	106	427083	117.877	ug/l	95
70) Styrene	12.044	104	740947	119.434	ug/l	95
71) Bromoform	12.203	173	157935	114.837	ug/l #	99
73) Isopropylbenzene	12.331	105	1138598	117.227	ug/l	100
74) N-amyl acetate	12.142	43	317153	119.710	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	228962	107.991	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	171178m	71.842	ug/l	
77) Bromobenzene	12.605	156	271592	113.678	ug/l	96
78) n-propylbenzene	12.672	91	1384236	114.636	ug/l	98
79) 2-Chlorotoluene	12.757	91	775533	114.194	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	951291	115.360	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	85645	118.153	ug/l #	84
82) 4-Chlorotoluene	12.855	91	801150	112.907	ug/l	97
83) tert-Butylbenzene	13.074	119	836467	117.945	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	952897	116.776	ug/l	98
85) sec-Butylbenzene	13.251	105	1234712	114.331	ug/l	99
86) p-Isopropyltoluene	13.367	119	1042071	118.217	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	541878	111.477	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	535476	109.350	ug/l	98
89) n-Butylbenzene	13.696	91	982184	116.165	ug/l	99
90) Hexachloroethane	13.958	117	199839	107.925	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	480703	110.624	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	37189	126.772	ug/l	70
93) 1,2,4-Trichlorobenzene	15.007	180	305680	148.804	ug/l	99
94) Hexachlorobutadiene	15.111	225	169030	136.409	ug/l	99
95) Naphthalene	15.233	128	658413	162.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	269104	147.709	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

